

29 August 1955

	APD Division	25
345 Jege	Status	Penerka
Masonry Drilling. Proposal was all-inclusive and not apacific.	Proposal submitted to Nois- Drilling Pacel and was re- perted.	It was felt that was 25 not the best organization to do work in this field; that their proposal costwise, was much too high.
Setional Bureou of Steadards		
Vall-Thickness Measurement Jauge. Feasibility of Ultra- Jonic measurement and type of Equipment which might be used.	Proposal accepted and work now in progress. Final re- sults expected in 3-4 months	
	Chamient Distaion	
		25
Chemical descuposition of concrete and morter.	Assiting security approval of prospective contractors.	These ecopanies do contract research work on ecocat and spograte.
	Fencibility study and cal- culations now underway.	Use back-scattering of neutrous.

Awaiting security approval. This company does contract 25X1 research work on coment and concrete 008632

SECRET |

DOC OREV DATE 22 JULY 80 BY 057447

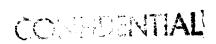
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## Engineering Division



25X1

Sub jest

Proposal covers:

- a. Burvey of batteries to be used to run motors.
- b. Bursey of d.c. motors to determine feasibility of bettery-operated, quiet, Arilla.
- e. Preliminary masoary drilling tests with available equipment.
- d. Report of results and conalusions - \$6360 - 4 mos.

statum

Being considered.

Renerks

This proposal is essentially for a enruey of one method for penetrating walls, together with testing to gain experience. Since a number of contractors will be involved, it would be desirable to separate the drilling for experience from the work on a quiet power unit if apacifications for the power unit can be agreed upon.

25X1

Progosal covers a general study This progosal was written of the present state of the art in a very general form. A and consideration of new method new proposal on one of the of wall penetration. Buggests work out

- a. Supersonie drillina.
- b. Jet of abrasive particle in liquid or eir.
- a. Rubber bit impregnated with diments - \$9754 - 6 mos.

suggested sethods will be required.

25X1

Proposal covers a first phase

- a. Survey of commercial equipment.
- b. Tests of barrowed commercial equipment to determine what bluods tady has been at bluop be developed for our purposes.
- Report of results and recommendetions - \$4500 - 4 mos.

Being considered.

This proposal is similar in score to the two above. Gur action will be to decide which contractors abould work on the verious aspects of the problem since there is considerable duplication in the survey phase.





## Engineering Division (Cont'd)

25X1

Subject Status Remarks The proposal covers the con-Discussions are underway to This proposal seems quite struction of a testing facidecide in more detail what reasonable although the lity to consist of a building our requirements are. facility described is some-(10'x:20') with heat and power. what different then we had Test wells would be constructed at first envisoned. inside in order to simulate drilling in a room. Sound level measuring equipment and 20 weeks of testing are included. - \$17 000 - 1 year. 25X1 This separate proposal covers It has been decided to accept this proposal as it stands. work on an actual pipesucher. It has the informal approval of ASD. 25X1 General proposal - will welcome Holding proposal for additional clearance before submitting it per ideas. to us. 25X1 General Proposal - will Awaiting proposal. welcome new ideas 25X1 Explosive projectile Their chief engineer was such as used by corporters very pessiaistic about to nail lumber to emerate. belying us when we discussed the problem with him, so they may not submit. 25X1

STATIAL

General proposal.

Visited by our Engineer, but not expected to submit.

25X1

TSS/Chemical Division